

PTO/SB/08a (02-09)

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/661,400
				Filing Date	September 12, 2003
				First Named Inventor	
				Art Unit	3774
				Examiner Name	Paul B. Prebilic
Sheet	1	of	11	Attorney Docket Number	026322-002910US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
1	4,078,564		03-14-1978	Spina et al.	
2	4,126,904		11-28-1978	Shepard	
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4	4,268,131		05-19-1981	Miyata et al.	
5	4,346,482		08-31-1982	Tennant et al.	
6	4,452,776		06-05-1984	Refojo	
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8	4,563,779		01-14-1986	Kelman	
9	4,581,030		04-08-1986	Bruns et al.	
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	36	5,196,027	03-23-1993	Thompson et al.	
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	71	6,717,651	04-06-2004	Kato et al.	
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	99	2006/0134050	06-22-2006	Griffith et al.	
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107	2007/0182920		08-09-2007	Back et al.	
108	2007/0239184		10-11-2007	Gaeckle et al.	
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113	CA	2,134,744	05-04-1995	COLLAGEN CORP	
114	CA	2,286,718	11-05-1998	PEYMAN GHOLAM A	
115	CA	2,227,827	07-23-1999	UNIV D OTTAWA UNIVERSITY OF OT	
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117	EP	1 741 457	A1 01-10-2007	OTTAWA HEALTH RESEARCH INSTITUTE	
118	GB	1 569 707	06-18-1980	ICI LTD	
119	WO	88/02622	04-21-1988	CBS LENS	
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121	WO	95/13764	05-26-1995	CIBA GEIGY AG	
122	WO	98/03267	01-29-1998	ELECTROSOLS LTD	
123	WO	00/35524	06-22-2000	ELECTROSOLS LTD	
124	WO	00/67694	11-16-2000	MEDTRONIC, INC.	
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127	WO	2004/024035	03-25-2004	OCULAR SCIENCES, INC.	
128	WO	2004/028356	04-08-2004	BAUSCH & LOMB	
129	WO	2004/052254	06-24-2004	NOVARTIS AG	

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		T <sup>6</sup>
130	WO	2005/030102		04-07-2005	PEREZ	<input type="checkbox"/>
131	WO	2005/042043		05-12-2005	MEDTRONIC INC	<input type="checkbox"/>
132	WO	2005/049071	A2	06-02-2005	PEREZ	<input type="checkbox"/>
133	WO	2005/116729		12-08-2005	COOPERSVISION, INC.	<input type="checkbox"/>
134	WO	2006/007408		01-19-2006	PEREZ	<input type="checkbox"/>
135	WO	2006/015490		02-16-2006	OTTAWA HEALTH RESEARCH INSTITUTE	<input type="checkbox"/>
136	WO	2006/020859	A2	02-23-2006	OTTAWA HEALTH RESEARCH INSTITUTE	<input type="checkbox"/>
137	WO	2006/116601		11-02-2006	TISSUE ENGINEERING REFRACTION	<input type="checkbox"/>
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	145	BOURNE, "Clinical estimation of corneal endothelial pump function," <i>Trans Am Ophthalmol Soc.</i> 1998; 96: 229-242.				<input type="checkbox"/>
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	152	DOILLON et al., "A collagen-based scaffold for a tissue engineered human cornea: physical and physiological properties," Int J Artif Organs. 2003 Aug;26(8):764-773.				<input type="checkbox"/>
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	157	EVANS et al. "Epithelialization of a Synthetic Polymer in the Feline Cornea: a Preliminary Study," Invest. Ophthalmol. Vis. Sci. 2000, 41(7):1674-1680.				<input type="checkbox"/>
	158	EVANS et al., "A review of the development of a synthetic corneal onlay for refractive correction," Biomaterials. 2001 Dec;22(24):3319-3328.				<input type="checkbox"/>
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	164	JONES et al., "Silicone Hydrogel Contact Lens Materials Update - Part 1", downloaded from the Internet: < <a href="http://www.siliconehydrogels.com/editorials/index_july.asp">http://www.siliconehydrogels.com/editorials/index_july.asp</a> >, July 2004, 4 pages total.			<input type="checkbox"/>
	165	JONES et al., "Silicone Hydrogel Contact Lens Materials Update - Part 2", downloaded from the Internet: < <a href="http://www.siliconehydrogels.com/editorials/index_august.asp">http://www.siliconehydrogels.com/editorials/index_august.asp</a> >, August 2004, 4 pages total.			<input type="checkbox"/>
	166	KAMINSKI et al., "Ten-year follow-up of epikeratophakia for the correction of high myopia," Ophthalmology. 2003 Nov;110(11):2147-2152.			<input type="checkbox"/>
	167	KAUFMAN et al., "Human fibrin tissue adhesive for sutureless lamellar keratoplasty and scleral patch adhesion a pilot study," Ophthalmology, 110(11): 2168-2172. (2003).			<input type="checkbox"/>
	168	KHADEM et al., "Healing of perforating rat corneal incisions closed with photodynamic laser-activated tissue glue," Lasers in surgery and medicine 2004;35(4):304-311.			<input type="checkbox"/>
	169	KLENKLER et al., "EGF-grafted PDMS surfaces in artificial cornea," Biomaterials. 2005 Dec;26(35):7286-96.			<input type="checkbox"/>
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Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/661,400
				Filing Date	September 12, 2003
				First Named Inventor	
				Art Unit	3774
				Examiner Name	Paul B. Prebilic
Sheet	9	of	11	Attorney Docket Number	026322-002910US

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	172	LATKANY et al., "Plasma surface modification of artificial corneas for optimal epithelialization," J. Biomed Mater Res 1997; 36(1):29-37.				<input type="checkbox"/>
	173	LEKSUKL et al., "CxGELSIX: a novel preparation of type VI collagen with possible use as a biomaterial," mca. 2000 Mar;19(2):194-203.				<input type="checkbox"/>
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	192	RICHARDS et al., "The relation of the corneal surface to the permanence of glued-on contact lenses," Can J Ophthalmol. 1971 Apr;6(2):98-103.			<input type="checkbox"/>
	193	Ruben "Adhesive keratoprostheses," Trans Ophthalmol Soc U K. 1970;90:551-564.			<input type="checkbox"/>
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	194	SCHMITZ, 'Excimer laser "corneal shaping": a new technique for customized trephination in penetrating keratoplasty,' Graefe's Archive for Clinical and Experimental Ophthalmology, 2003 May; 241:423-431			
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	203	U.S. Patent Application 60/715411, filed 09-09-2005.			

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